

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Andrei NIKULIN  
 Application No. : 10/518,651  
 Filed : July 18, 2005  
 For : METHODS AND APPARATUS OF SAMPLE ANALYSIS

05/03/2007 MKAYPAGH 00000049 10518651

07 FC:1806

180.00 OP

Examiner : Courtney D. Thomas

Art Unit : 2882

Docket No. : 671096.403USPC

Date : April 27, 2007

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Commissioner for Patents:

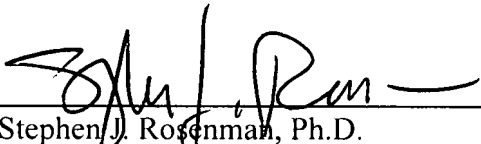
In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicant wishes to make known to the U.S. Patent and Trademark Office the references set forth on the attached Information Disclosure Statement. Copies of cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of any other cited references are enclosed. As to any reference cited, applicant does not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicant's duty to disclose all information he is aware of which is believed relevant to the examination of the above-identified application, applicant believes that his invention is patentable.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 CFR 1.97(c). The Director is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 19-1090.

Respectfully submitted,

Seed Intellectual Property Law Group PLLC



---

Stephen J. Rosenman, Ph.D.  
Registration No. 43,058

SJR:rp

Enclosures:

Check

Supplemental Information Disclosure Statement

Cited References (3)

701 Fifth Avenue, Suite 5400

Seattle, Washington 98104

Phone: (206) 622-4900

Fax: (206) 682-6031

946568\_1.DOC



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
(Use several sheets if necessary)

ATTY. DOCKET NO.  
671096.403USPC

APPLICATION NO.  
10/518,651

APPLICANTS  
Andrei NIKULIN

FILING DATE  
July 18, 2005

GROUP ART UNIT  
2882

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
|----------------------|----|-----------------|------|------|-------|----------|-------------------------------|
|                      | AA |                 |      |      |       |          |                               |
|                      | AB |                 |      |      |       |          |                               |
|                      | AC |                 |      |      |       |          |                               |
|                      | AD |                 |      |      |       |          |                               |
|                      | AE |                 |      |      |       |          |                               |
|                      | AF |                 |      |      |       |          |                               |
|                      | AG |                 |      |      |       |          |                               |
|                      | AH |                 |      |      |       |          |                               |

**FOREIGN PATENT DOCUMENTS**

|  |    | DOCUMENT<br>NUMBER | DATE | COUNTRY | TRANSLATION |    |
|--|----|--------------------|------|---------|-------------|----|
|  |    |                    |      |         | YES         | NO |
|  | AI |                    |      |         |             |    |
|  | AJ |                    |      |         |             |    |
|  | AK |                    |      |         |             |    |
|  | AL |                    |      |         |             |    |
|  | AM |                    |      |         |             |    |

**OTHER PRIOR ART** (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |    |   |
|--|----|---|
|  | AN | Siu, Karen, et al., "X-ray phase retrieval in high-resolution refraction data from amorphous materials," <i>Applied Physics Letters</i> , 79(13):2112-2114, September 24, 2001.                                 |
|  | AO | Siu, Karen, et al., "Phase Retrieval X-ray Diffractometry (PRXRD): Refraction/Small angle scattering data applications," <i>Proc. SPIE, Advances in X-Ray Optics</i> , 4145: 157-167, 2001.; Abstract (1 page). |
|  | AP | Siu, Karen, et al., "An application of phase retrieval x-ray diffractometry to refraction/small-angle scattering data," <i>J. Phys. D: Appl. Phys.</i> , 34: 2912-2917, 2001.                                   |

EXAMINER

DATE CONSIDERED

\* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).